

**Sequences**

## SEQUENCE LISTING

<110> BROWN, Eric L.

LEE, Lawrence

HOOK, Magnus

<120> METHOD OF PREVENTING T CELL-MEDIATED RESPONSES BY THE USE OF THE MAJOR HISTOCOMPATIBILITY COMPLEX CLASS II ANALOG PROTEIN (MAP PROTEIN) FROM STAPHYLOCOCCUS AUREUS

<130> P07023US01/BAS

<150> 60/260,523

<151> 2001-01-10

<160> 4

<170> PatentIn version 3.1

<210> 1

<211> 603

<212> DNA

<213> Staphylococcus aureus

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<221> CDS

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Phe Asn Lys Asn Gln Gln Ile Ser Tyr Lys Asp Ile Glu Asn Lys Val		
35 40 45		
aaa tca gtt tta tac ttt aat aga ggt att agt gat atc gat tta aga		192
Lys Ser Val Leu Tyr Phe Asn Arg Gly Ile Ser Asp Ile Asp Leu Arg		
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ctt tct aag caa gca aaa tac acg gtt cat ttt aag aat gga aca aaa		240
Leu Ser Lys Gln Ala Lys Tyr Thr Val His Phe Lys Asn Gly Thr Lys		
65 70 75 80		
aga gtt gtc gat ttg aaa gca ggc att cac aca gcc gac tta atc aat		288
Arg Val Val Asp Leu Lys Ala Gly Ile His Thr Ala Asp Leu Ile Asn		
85 90 95		
aca agt gac att aaa gca att agt gtt aac gta gat act aaa aag caa		336
Thr Ser Asp Ile Lys Ala Ile Ser Val Asn Val Asp Thr Lys Lys Gln		
100 105 110		
gtg aaa gat aaa gag gca aaa gca aat gtt caa gtg ccg tat aca atc		384
Val Lys Lys Glu Ala Lys Ala Asn Val Gln Val Pro Tyr Thr Ile		
115 120 125		
act gtg aat ggt aca agc caa aac att tta tca aac tta aca ttt aaa		432
Thr Val Asn Gly Thr Ser Gln Asn Ile Leu Ser Asn Leu Thr Phe Lys		
130 135 140		
aag aat cag caa att agt tat aaa gat tta gag aat aat gta aaa tca		480
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Val Leu Lys Ser Asn Arg Gly Ile Thr Asp Val Asp Leu Arg Leu Ser		
165 170 175		
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Thr	Ile	Thr	Val	Asn	Gly	Thr	Ser	Gln	Asn	Ile	Leu	Ser	Ser	Leu	Thr
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Phe	Asn	Lys	Asn	Gln	Gln	Ile	Ser	Tyr	Lys	Asp	Ile	Glu	Asn	Lys	Val
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Leu	Ser	Lys	Gln	Ala	Lys	Tyr	Thr	Val	His	Phe	Lys	Asn	Gly	Thr	Lys
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Val	Lys	Asp	Lys	Glu	Ala	Lys	Ala	Asn	Val	Gln	Val	Pro	Tyr	Thr	Ile
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Thr	Val	Asn	Gly	Thr	Ser	Gln	Asn	Ile	Leu	Ser	Asn	Leu	Thr	Phe	Lys
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Lys	Asn	Gln	Gln	Ile	Ser	Tyr	Lys	Asp	Leu	Glu	Asn	Asn	Val	Lys	Ser
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Val	Leu	Lys	Ser	Asn	Arg	Gly	Ile	Thr	Asp	Val	Asp	Leu	Arg	Leu	Ser
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Lys	Gln	Ala	Lys	Phe	Thr	Val	Asn	Phe	Lys	Asn	Gly	Thr	Lys	Lys	Val
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 Phe Asn Lys Asn Gln Gln Ile Ser Tyr Lys Asp Ile Glu Asn Lys Val  
 35 40 45  
  
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 Lys Ser Val Leu Tyr Phe Asn Arg Gly Ile Ser Asp Ile Asp Leu Arg  
 50 55 60  
  
 ctt tct aag caa gca aaa tac acg gtt cat ttt aag aat gga aca aaa 240  
 Leu Ser Lys Gln Ala Lys Tyr Thr Val His Phe Lys Asn Gly Thr Lys  
 65 70 75 80  
  
 aga gtt gtc gat ttg aaa gca ggc att cac aca gcc gac tta atc aat 288  
 Arg Val Val Asp Leu Lys Ala Gly Ile His Thr Ala Asp Leu Ile Asn  
 85 90 95  
  
 aca agt gac att aaa gca att agt gtt aac gta gat act aaa aag caa 336  
 Thr Ser Asp Ile Lys Ala Ile Ser Val Asn Val Asp Thr Lys Lys Gln  
 100 105 110  
  
 gtg aaa gat aaa gag gca aaa gca aat gtt gtc gac ctg cag cca agc 384  
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 Leu Ile Ser  
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Met Arg Gly Ser His His His His His His Gly Ser Gln Ile Pro Tyr  
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Thr Ile Thr Val Asn Gly Thr Ser Gln Asn Ile Leu Ser Ser Leu Thr  
20 25 30

Phe Asn Lys Asn Gln Gln Ile Ser Tyr Lys Asp Ile Glu Asn Lys Val  
35 40 45

Lys Ser Val Leu Tyr Phe Asn Arg Gly Ile Ser Asp Ile Asp Leu Arg  
50 55 60

Leu Ser Lys Gln Ala Lys Tyr Thr Val His Phe Lys Asn Gly Thr Lys  
65 70 75 80

Arg Val Val Asp Leu Lys Ala Gly Ile His Thr Ala Asp Leu Ile Asn  
85 90 95

Thr Ser Asp Ile Lys Ala Ile Ser Val Asn Val Asp Thr Lys Lys Gln  
100 105 110

Val Lys Asp Lys Glu Ala Lys Ala Asn Val Val Asp Leu Gln Pro Ser  
115 120 125

Leu Ile Ser  
130

MATERIALS AND METHODS